

**IN THE SPECIFICATION:**

**Please amend the paragraph beginning on Page 6, line 8 as follows:**

-- Figures 5 and 6 also show examples of how add/drop may be done, and how an OMX card may be interconnected with the rest of the system to realize a practical DWDM network. In particular, Figure 5 shows optical multiplexer (OMX) functions in a hubbed ring. Patchcords 51 are provided between OMX modules in a remote shelf. A fiber plant west is represented at 52, and a fiber plant east is represented at 53. Band ~~ADFs~~ add/drop filters (ADFs) are presented at 54, channel multiplexers are shown at 55, and channel demultiplexers are shown at 56. Drop channels are represented at 57, and there may be conducted by fiber pigtails 58 to an optical card for laser detector (OCLD) ~~OCLD card~~. Add channels are represented at 59, and there may be conducted by fiber pigtails 60 to an OCLD card.--

**Please amend the paragraph beginning on Page 6, line 18 as follows:**

--Figure 6 represents a fiber trunk (2-fibers) at 61, OMX cards at 62, optical channel monitor (OCM) ~~OCM~~ at 63, and ~~OCIs~~ optical channel interfaces (OCIs) at 64. The output from the OCIs are conducted to user equipment. Also in Figure 6, 65 represents the backplane, 66 represents the crosspoint switch, and 67 represents the possible location of OCM invention parts. The architecture shown in Figure 6 includes an optical domain (passive) 68, the electrical domain 69, and an optical domain 70.--

**Please amend the paragraph beginning on Page 7, line 30 to Page 8, line 6 as follows:**

--Since the ~~multiplexing~~ demultiplexing filter 122 response is known beforehand, this information may be used in a digital logic circuit 140 to calculate the laser center wavelength. In this manner, the OCM functions as a very inexpensive real time optical spectrum analyzer. The spectrum of the entire DWDM network (all wavelengths) can be generated in this manner in real time as signals are added and dropped; the effect of adding or dropping a wavelength on the other wavelengths in the system is immediately known.--